JAGUAR FAQ
May 8, 2003

Q1:   The restriction preventing tech people appearing more than one proposal prevents people from offering capabilities to more than one team. This would appear to limit program access to certain capabilities by forcing people to make good predictions about winning teams. It also prevents individuals from contributing to different tech areas where this cross-over could be beneficial for linking approaches. Is this a hard restriction?

A1:   Yes, this is a firm restriction.

Q2:   How do we transition earlier success from plan generation when the SPO MOA will not be developed until the end of Phase II?

A2:   The MOA milestone shown on the PIP schedule is for planning purposes only. If appropriate, DARPA will work with the AOC SPO and other transition partners to transition JAGUAR technology in advance of this milestone.

Q3:   Is teaming encouraged?

A3:   Teaming is neither encouraged or discouraged.

Q4:   Will the component technology developers and the system integrator have access to a version of, or remotely network with, TACCSF that can be run locally (i.e., the contractor's site) to support evaluation during development?

A4:   DARPA and TACCSF are currently investigating the possibility of remotely networking JAGUAR developers to the TACCSF. For proposal purposes, do NOT assume this capability will exist.

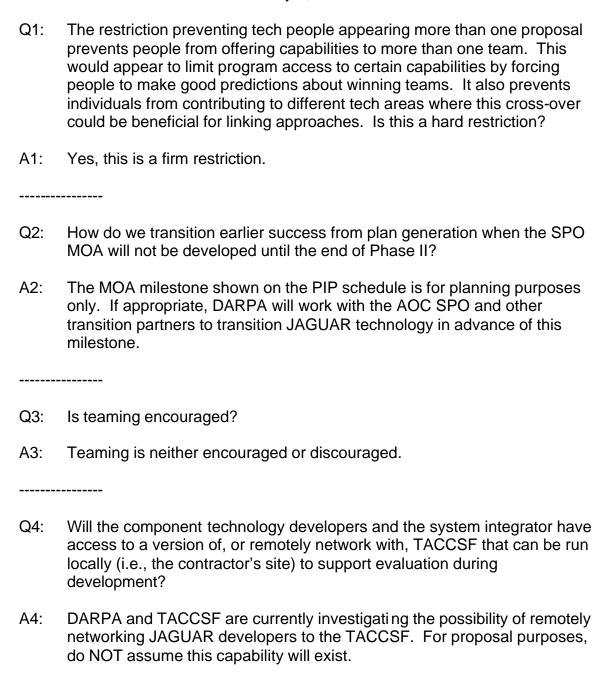
Q5:   Will TACCSF provide any remote access of simulation capability that can be installed for experiments at contractor sites? How else will we do iterative development on a day to day site?

A5:   See A4. If remote networking is not possible, DARPA, TACCSF, and the Experiment Design and Evaluation contractor will provide developers with data packages to support iterative design and test needs.

Q6:   Can FFRDCs respond to the JAGUAR BAA?

A6:   Yes, if permitted by law (Public Law 103-337, SEC. 217, or Public Law 105-261 SEC. 3136).

Q7:   What should we assume about staffing of JAGUAR experiments. Will it be active duty, or will it be contractor provided? Will there be some of the staff that will be stable, meaning, could participate in a series of experiments?

A7:   JAGUAR contractors must provide staff to operate their components at the TACCSF.   The Government will provide the operator and technical personnel required to conduct TACCSF simulations in support of these experiments.

Q8:   Identify and discuss infrastructure constraints.

A8:   Offerors should propose a preferred infrastructure consistent with the PIP.

Q9:   We've been involved in previous programs with a separate Integrator and Tech Developers wherein the Integrator was expected to accommodate interfaces specified by each Tech Developer. Needless to say, this didn't work well. In the JAGUAR program, how will interfaces/models (syntax and semantics) be negotiated? Who will be the final arbiter?

A9:   The System Design and Integration contractor will moderate cooperative negotiations for system interfaces and model representations. The Government will serve as final arbiter of system design issues.

Q10: Who will provide/lead technical management? DARPA? Integrator?

A10: The DARPA PM and the programs' technical agent at AFRL will lead JAGUAR technical management.

Q11: What organization will be the Executive Agent?

A11: AFRL will serve as the lead technical agent. The contracting agent is undecided at this time.

Q12: What is the definition of the latency metric? From what parts of F2T2EA? You mentioned 5 minute sortie rate for goal. Does this include start of plan generation weapon impact assessment?

A12: The latency metric applies to each technical component. It is the amount of wall-clock time that passes between a stimulus (change of input) to that component, and the corresponding final response (change of output) during a TACCSF experiment.

Q13: Will the TPED process from DCGS be synchronized/integrated with the combat plans and combat ops division?

A13: Outputs from military intelligence systems and processes will serve as inputs to the JAGUAR system.

Q14: Paragraph F.3 of the Proposer Information Pamphlet for the Jaguar Program indicates proposals will be (primarily) submitted electronically.

Paragraph H.1 states "All eligible sources may submit a proposal (the original and eight copies) ..." but does not provide further amplification.

Request clarification as to actual requirement for printed proposals.
    a. If a printed version (and eight copies) are required, request further clarification as to which proposal media (electronic or print) will be used to determine whether a proposal meets the delivery required date (3pm EDT, 30 May 2003).
    b. Additionally clarify how the print versions of the proposal are to be addressed?

A14: All proposals should be submitted electronically and no paper copies are required. We inadvertently left "the original and eight copies" statement in the PIP which was used with our old BAA system. With the new BAA system all proposals must be submitted electronically as stated in Paragraph F.3 of the PIP.

Q15: Can you expand the description of the "extra information" needed by TACCSF to "drive the simulated platforms" above and beyond the information normally in the ATO?

A15: No.

Q16: Events/tracks coming from the sim to JAGUAR plan monitor – will those be blue only?

A16: No. Tracks may also include targets.

Q17: Can you give a couple of examples of "events" reported to JAGUAR from sim that are something other than tracks?

A17: Yes: the discovery of a time critical target; mechanical failures; changes in weather; battle damage reports.

Q18: Will JAGUAR address planning and simulation of information operations, in particular aspects associate with electronic attack and computer network attack?

A18: Only to the extent they are modeled within the TACCSF, where presently only jamming is represented.

Q19: Is there a formal relationship between the JAGUAR effort and those associated with IWPC and JEMNA?

A19: No.

Q20: Please describe JAGUAR's relationship to the C2 constellation initiative.

A20: JAGUAR has no formal relationship with the C2 constellation initiative. However JAGUAR program management is working with its USAF transition partners to maintain a mutual awareness of JAGUAR capabilities and C2 constellation needs.

Q21: Does TACCSF provide all of the same data/information that is available in the AOC?

A21: No. It provides both less (no commander's guidance, comms link support, links to intelligence systems) and more (constant access to blue platform status).

Q22: Is JAGUAR also interested in the Navy and Army Air Battle assets?

A22: Yes. The JAGUAR system will produce ATOs that include all Navy and Army air assets participating in Desert Pivot exercises.

Q23: The BAA postulates a reduction by order of magnitude in the AOC personnel as the result of innovation in mission planning and mission monitoring. How is this known?

A23: DARPA arrived at this goal by working with experienced Air Force operators to assess the potential for personnel reduction, by individual position, at a specific, representative AOC.

Q24: What are plans for connecting to ground operations?

A24: The JAGUAR program has no plans to connect to ground operations beyond accepting targets nominated or designated by ground forces.

Q25: During the May 1st, 2003 JAGUAR BFI for DARPA BAA03-26, it was mentioned that Federally Funded Research and Development Centers (FFRDC) may be allowed to bid on the Systems Integration role. Private

aerospace companies need a definitive decision on this statement before they can decide to bid on this BAA.

A25: See the answer to Question 6.

Q26: Is this a planning BAA?

A26: Yes, among other things.

Q27: What are the technologies allowed? (e.g seems biased to planners but information management and dynamic workflow seem potentially valuable)

A27: All technologies will be considered.

Q28: How much funding? Person years vary dramatically in price.

A28: See page 37 of the PIP.

Q29: Bob Tenney mentioned interest in actively working "transition issues". Please define. Programmatics? Technology? Something else?

A29: See the PIP.

Q30: What is the JAGUAR funding profile and breakdown by technology component and integration/experiment?

A30: See the PIP.

Q31: Do you expect technology holes within each technology area? If So, how are these going to be filled?

A31: See the PIP.

Q32: It's often the case that the JPTL has targets that cannot be serviced due to resource constraints. How will you take that into account in computing metrics (e.g. coverage may be limited by resource availability)?

A32: Experiment scenarios will be designed to allow successful achievement of go/no-go thresholds.

Q33: Is there a preferred "System Performance Model"? (e.g. SLAMEM, CTEM, etc.)

A33: No.

Q34: Will JAGUAR address mixed manned and unmanned groups, packages, teams?

A34: See the PIP.

Q35: Is JAGUAR primarily focused on execution of the contingency assets?

A35: See the PIP.

Q36: Section H.3, Cost Proposal, and specifically subparagraph H.3.2, Budget Summary, the PIP states that Part 1 is to be one page with a summary of all costs by fiscal year. As you are aware, the procurement is multi-year phased and crosses several FYs (2004 and into 2008). With the detail required under H.3.2 1), Part 1, it would seem impossible to include all the years on one page (assuming using the normal 8 1/2" by 11" size page). Further, in the H.3 lead-in paragraph, it states that "detailed cost breakdowns, by fiscal year quarter," should be provided. Detailing by quarters further complicates providing the data on just one page. Please clarify or provide guidance.

A36: "Summary cost data should be provided in an array organized by phase (row) and fiscal/contract year (column). Summary cost data need not be provided on a quarterly basis."

Q37: Are there any conflicts of interest which restrict teaming arrangements?

A37: None other than those contained in existing contracts.

Q38: How often is the Frequently Asked Questions (FAQ) portion of the website updated?

A38: We make every effort to update FAQs at the end of each business day, provided questions were received that day.

Q39: What do you mean by "area?" From the context, it seems that you are referring to the five areas identified in D.2.1 (Plan Generation, Plan Monitoring, Model Adaptation, System Design and Integration, and Experiment design and evaluation). If so, that'd be rather restrictive, since the first 3 technical areas (plan generation, monitoring, and model adaptation) are closely related and we would like to bid on all three as an integrated proposal. However, if we cannot, then we must separate into 3 proposals and we run into the problem of no individual can be named in more than one proposal.

A39: In accordance with page 13 of the PIP, " Offerors can propose to more than one area, with a separate proposal for each area."

Q40: Will the TACCSF provide the necessary hardware to host the JAGUAR applications? If not, who is responsible for providing the hardware? Should the anticipated cost for hardware be included in the cost proposal?

A40: Proposers may assume that a dedicated, Government-furnished, workstation-class computer will be available at the TACCSF for experiments and evaluations.

Q41:   In Section C.2 The reference to "Symbolic Correlation" describes it by indicating that new algorithms have emerged in this discipline that represent emerging technology for Battle Management. I can, however, find no reference to any published research on the topic of "Symbolic Correlation" as described in any of the major research indexes (IEEE, Cite, ACM, etc.). Was this term coined for this BAA and if not, what research would you reference for this section?

A42: Proposers are encouraged to submit ideas that address the problem described, regardless of terminology or pedigree.